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PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE PATENTS

(Attorney Docket No. 061404.133 US2 (MSU-015DIV))

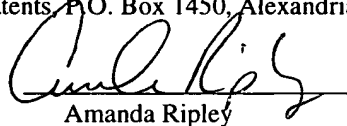
Applicant(s): Brubaker, et al.
Application No.: 10/694,614
Filing Date: October 27, 2003
Title: RECOMBINANT PLASMID AND A METHOD OF CONTROLLING
THE EFFECTS OF *YERSINIA PESTIS*
Examiner: P. vBaskar
Art Unit: 1645

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING (37 C.F.R. § 1.8(a))

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11/15/2004
Date


Amanda Ripley

TRANSMITTAL LETTER

Commissioner:

The following documents are enclosed for filing with the United States Patent and Trademark Office:


1. Revocation of Previous Power of Attorney, Appointment of New Attorney, and Change of Correspondence Address;
2. Copies of Notices of Recordation and Assignments recorded at Reels/Frames: 7240/0777 & 7240/0827; and
3. Return postcard.

Please charge any necessary fees or credits associated with this correspondence to Deposit Account No. 08-0219. If there are any questions, please call the undersigned at the telephone number indicated below.

Respectfully submitted,

Wilmer Cutler Pickering Hale and Dorr LLP

Date: 11/12/04


Ann-Louise Kerner, Ph.D., Registration No. 33,523
Agent for Patentee

60 State Street
Boston, MA 02109
Tel. (617) 526-6192
Fax. (617) 526-5000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Brubaker, et al.

Application

No.: 10/694,614

Filing Date: October 27, 2003

Entitled: Recombinant Plasmid and a Method of Controlling
the Effects of Yersinia Pestis

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Commissioner of Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**REVOCATION OF PREVIOUS POWER OF ATTORNEY, APPOINTMENT
OF NEW ATTORNEY, and CHANGE OF CORRESPONDENCE ADDRESS**

Commissioner:

The undersigned, Board of Trustees of Michigan State University as owner of the above-identified United States patent application, hereby revokes all powers of attorney previously granted and appoints the following practitioners with full power of substitution and revocation to prosecute the patent application and to transact all business in the Patent and Trademark Office connected therewith.

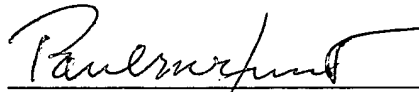
CUSTOMER NUMBER: 23483

All future correspondence should be sent to:

Ann-Louise Kerner, Ph.D.
Wilmer Cutler Pickering Hale and Dorr LLP
60 State Street
Boston, MA 02109
Telephone No.: (617) 526-6192
Facsimile No.: (617) 526-5000

The undersigned states that the Board of Trustees of Michigan State University is the sole owner of the entire right, title, and interest by virtue of the Assignments recorded herewith in the United States Patent and Trademark Office. Copies of the Assignments are attached.

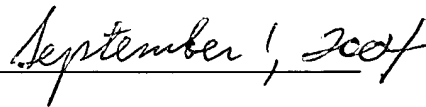
By:

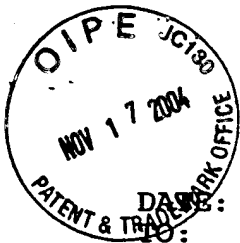


Name: Paul M. Hunt

Title: Assoc. VP for Research and Graduate Studies

Date:



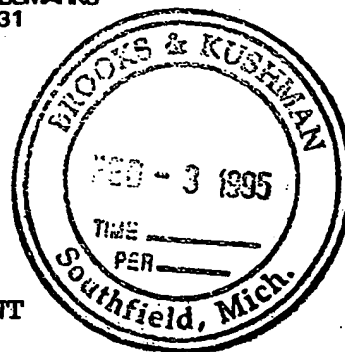


UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

DATE: 01/11/95
TO:

N08C

WILLIAM J. SCHRAMM
BROOKS & KUSHMAN P.C.
1000 TOWN CENTER
22ND FLOOR
SOUTHFIELD, MI 48075



UNITED STATES PATENT AND TRADEMARK OFFICE
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ASSIGNOR:
BRUBAKER, ROBERT R.

DOC DATE: 09/06/94

ASSIGNOR:
MOTIN, VLADIMIR L.

DOC DATE: 09/06/94

RECORDATION DATE: 09/08/94 NUMBER OF PAGES 002 REEL/FRAME 7240/0777

DIGEST : ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:
MICHIGAN STATE UNIVERSITY
412 ADMINISTRATION BLVD.
EAST LANSING, MI 48824

SERIAL NUMBER 8-302423 FILING DATE 09/08/94
PATENT NUMBER ISSUE DATE 00/00/00

Nicole Scott
EXAMINER/PARALEGAL
ASSIGNMENT BRANCH
ASSIGNMENT/CERTIFICATION SERVICES DIVISION

ASSIGNMENT

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, we, ROBERT R. BRUBAKER, residing at 11042 W. SCIPIO HWY, VERMONTVILLE, MI 49096 and VLADIMIR L. MOTIN, residing at 6138 FARRINGTON, #D10, E. LANSING, MI 48113 do hereby assign, sell and set over to MICHIGAN STATE UNIVERSITY, a non-profit corporation organized and existing under the laws of the State of Michigan, having a place of business in East Lansing, Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

**A RECOMBINANT PLASMID AND A METHOD
OF CONTROLLING THE EFFECTS OF YERSINIA PESTIS**

set forth in the application for United States Letters Patent filed with the United States Patent and Trademark Office herewith including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in our names, at its or their election, and we hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority in and to said inventions and discoveries in all countries.

And we hereby agree for ourselves, our heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

And we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein.

Robert R. Brubaker
ROBERT R. BRUBAKER
Vladimir L. Motin
VLADIMIR L. MOTIN

STATE OF MICHIGAN)
COUNTY OF INGHAM) ss.

On this 6th day of SEPTEMBER, 1994, personally appeared before me ROBERT R. BRUBAKER and VLADIMIR L. MOTIN, to me known to be the persons named in and who executed the above instrument, and acknowledge that they executed the same for the uses and purposes therein mentioned.

Julie King
Notary Public
My Commission expires: 3-30-97

(SEAL)

SEP-8 94

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PATENT AND TRADEMARK

JULIE KING
Notary Public, Clinton County, MI

REEL 1240 FRAME 718



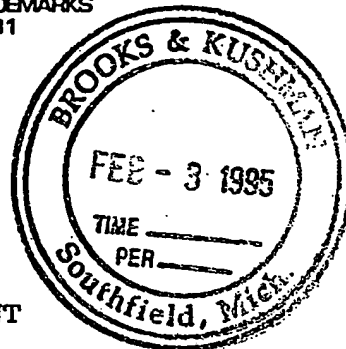
DATE: 01/11/95



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N08C

WILLIAM J. SCHRAMM
BROOKS & KUSHMAN, P.C.
1000 TOWN CENTER
22ND FLOOR
SOUTHFIELD, MI 48075



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ASSIGNOR:
SMIRNOV, GEORGE R.

DOC DATE: 10/24/94

RECORDATION DATE: 11/18/94 NUMBER OF PAGES 002 REEL/FRAME 7240/0827

DIGEST : ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:
MICHIGAN STATE UNIVERSITY
412 ADMINISTRATION BLDG.
EAST LANSING, MI 48824

SERIAL NUMBER 8-302423 FILING DATE 09/08/94
PATENT NUMBER ISSUE DATE 00/00/00

Nicole Scott
EXAMINER/PARALEGAL
ASSIGNMENT BRANCH
ASSIGNMENT/CERTIFICATION SERVICES DIVISION

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

George B. Smirnov

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other

Execution Date: October 24, 1994

2. Name and address of receiving party(ies):

Name: MICHIGAN STATE UNIVERSITY

Internal Address: 412 Administration Bldg.

Street Address: same

City: East Lansing State: MI ZIP: 48824

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

08/302,423

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: William J. Schramm

Internal Address: Brooks & Kushman P.C.

Street Address: 1000 Town Center

22nd Floor

City: Southfield State: MI ZIP: 48075

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41)..... \$ 40.00



Enclosed



Authorized to be charged to deposit account:

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02-3978

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

William J. Schramm (Reg. No. 24795)

Name of Person Signing

080 SB 12/05/94 08302423

Signature

1 581

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93027296
November 4, 1994
Date

Total number of pages including cover sheet, attachments, and document: 2

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A S S I G N M E N T

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, I, GEORGE B. SMIRNOV, having an address of The Gamaleya Research Institute Epidemiology and Microbiology RAMS, Gennadiyev str. 18, Moscow, Russia, do hereby assign, sell and set over to MICHIGAN STATE UNIVERSITY, 123098 aa non-profit corporation organized and existing under the laws of the State of Michigan, having a place of business in East Lansing, Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

**A RECOMBINANT PLASMID AND A METHOD
OF CONTROLLING THE EFFECTS OF YERSINIA PESTIS**

set forth in the application for United States Letters Patent Serial Number 08/302,423 filed September 8, 1994, with the United States Patent and Trademark Office including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in my names, at its or their election, and I hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority in and to said inventions and discoveries in all countries.

And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

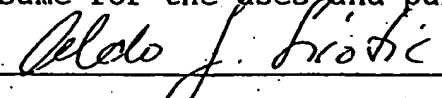
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.

Russian Federation
Moscow Oblast
City of Moscow
Embassy of the United States of America
Consular Section



GEORGE B. SMIRNOV

On this 24th day of OCTOBER, 1994, personally appeared before me GEORGE B. SMIRNOV, to me known to be the person named in and who executed the above instrument, and acknowledge that he executed the same for the uses and purposes therein mentioned.



Notary Public
My Commission Expires: _____

(SEAL)

NOV 18 94

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Aldo J. Sirotic
Notary Public

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